

## Rabbit anti-Human, Mouse PIK3R3 Polyclonal Antibody | anti-PIK3R3 antibody

PIK3R3 Polyclonal Antibody

|                               |                       |                                   |                                           |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------------|
| CATALOG #<br><b>AAA177482</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunofluorescence</b> |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------------|

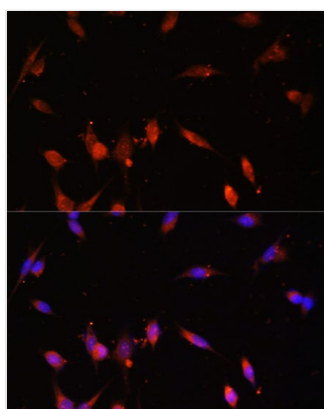
### PRODUCT SYNONYMS

PIK3R3; Polyclonal Antibody; PIK3R3 Polyclonal Antibody; p55; p55-GAMMA; p55PIK; anti-PIK3R3 antibody

### PRODUCT SPECIFICATIONS

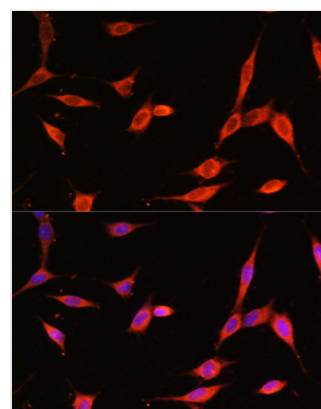
|                                                  |                                                  |
|--------------------------------------------------|--------------------------------------------------|
| Host                                             | Rabbit                                           |
| Reactivity                                       | Human, Mouse                                     |
| Clonality                                        | Polyclonal                                       |
| Isotype                                          | IgG                                              |
| Purity/Purification                              | Affinity purification                            |
| Form/Format                                      | PBS with 0.02% sodium azide, 50% glycerol, pH7.3 |
| Concentration                                    | 1mg/mL (varies by lot)                           |
| Applicable Applications for anti-PIK3R3 antibody | IF (Immunofluorescence)                          |
| Immunogen                                        | Recombinant protein of human PIK3R3              |
| Conjugation                                      | Unconjugated                                     |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using PIK3R3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using PIK3R3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PIK3R3 antibody | Phosphatidylinositol 3-kinase (PI3K) phosphorylates phosphatidylinositol and similar compounds, which then serve as second messengers in growth signaling pathways. PI3K is composed of a catalytic and a regulatory subunit. The protein encoded by this gene represents a regulatory subunit of PI3K. The encoded protein contains two SH2 domains through which it binds activated protein tyrosine kinases to regulate their activity. |
| Product Categories/Family for anti-PIK3R3 antibody   | Signal Transduction; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 317373310                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 8503                                                                                                                                                                                                                                                            |
| UniProt Accession #              | Q92569; O60482; Q5T4P1; Q5T4P2; B2R9C1; D3DQ12                                                                                                                                                                                                                  |
| Molecular Weight                 | 461                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | Phosphatidylinositol 3-kinase regulatory subunit gamma                                                                                                                                                                                                          |
| NCBI Official Synonym Full Names | phosphoinositide-3-kinase, regulatory subunit 3 (gamma)                                                                                                                                                                                                         |
| NCBI Official Symbol             | PIK3R3                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | p55; p55PIK; p55-GAMMA                                                                                                                                                                                                                                          |
| NCBI Protein Information         | phosphatidylinositol 3-kinase regulatory subunit gamma; PI3-kinase subunit p55-gamma; PI3K regulatory subunit gamma; PI3-kinase regulatory subunit gamma; ptdIns-3-kinase regulatory subunit p55-gamma; phosphatidylinositol 3-kinase 55 kDa regulatory subunit |
| UniProt Protein Name             | Phosphatidylinositol 3-kinase regulatory subunit gamma                                                                                                                                                                                                          |
| UniProt Gene Name                | PIK3R3                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | PI3-kinase regulatory subunit gamma; PI3K regulatory subunit gamma; PtdIns-3-kinase regulatory subunit gamma; PI3-kinase subunit p55-gamma; PtdIns-3-kinase regulatory subunit p55-gamma                                                                        |
| UniProt Entry Name               | P55G_HUMAN                                                                                                                                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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